



Techtrol Gold

Synthetic Coolant

Techtrol Gold is an engineered synthetic coolant specifically designed to help MSG[®] Centac[®] centrifugal compressors maintain peak performance over a full range of operating temperatures, maximizing cost savings and reliability.

When compared to mineral-based lubricants, MSG[®] Centac[®] Techtrol Gold synthetic coolant offers significant advantages.

- **Premium base stock** provides exceptional performance, surpassing all mineral-based lubricants
- **Extended operating life** of three years (24,000 hours), reducing fluid disposal frequency and costs
- **Eliminates deposits and build-up** caused by fluid breakdown allowing bearings to run cooler, minimizing downtime and costs
- **Superior film strength** protects against metal-to-metal contact
- **Stable viscosity** over a wide temperature range protects compressors
- **Proprietary blend** specifically for MSG Centac centrifugal air compressors exceeds lubricant specifications to assure consistent quality



Typical Properties of Techtrol Gold		
Property	Test Method	Performance
ISO Viscosity Classification	ASTM D2422	32
Viscosity Index	ASTM D2270	139
Viscosity, cST (SUS)		
@ 0°F/-17.8°C	ASTM D445	895 (4,195)
@100°F/37.8°C	ASTM D445	30 (142)
@104°F/40°C	ASTM D445	28 (133)
@210°F/98.9°C	ASTM D445	5.6 (45)
@212°F/100°C	ASTM D445	5.4 (44)
Pour Point, °F (°C)	ASTM D97-87	-40 (-40)
Flash Point COC, °F (°C)	ASTM D92	450 (232)
Flash Point PMCC, °F (°C)	ASTM D93-85	390 (199)
Copper Strip Corrosion, 3 hrs. @ 212°F/100°C	ASTM D130	1
Specific Gravity	ASTM D941	0.99
Ferrous Metal Corrosion (rust test)	ASTM D665A	Pass
Foam Tendency (Sequence I, II, III)	ASTM D892	0 (Nil)
Density (grams per cc @ 25°C)	ASTM D941	0.988
Total Acid Number, mg	ASTM D664	0.10
ASTM D664	0.10	8
pH	ASTM D664	8



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